

ADDITIONS TO THE CATALOG OF OHIO VASCULAR PLANTS FOR 1916.

JOHN H. SCHAFFNER.

The following are among the plants that have been added to the state herbarium during the year 1916. They represent important extensions in range or distribution as given in the Catalog of Ohio Vascular Plants and also a number of new species. The collector's name is given with each number.

- 18. **Pellaea atropurpurea** (L.) Link. Purple Cliff-brake. Iron-ton, Lawrence County. Lillian E. Humphrey.
- 68. **Pinus strobus** L. White Pine. West slope near Rock Run schoolhouse, Fallsburg, Licking County. Forest W. Dean.
- 69. **Pinus rigida** Mill. Pitch Pine. Upper part of Rocky Fork valley near Hickman, Licking County. About 8 miles south of Knox County line. Forest W. Dean.
- 79. **Sagittaria cuneata** Sheld. Arum-leaf Arrow-head. Cedar Point, Erie County. E. L. Fullmer.
- 93. **Potamogeton praelongus** Wulf. White-stem Pondweed. Biemillers' Cover, Cedar Point, Erie County. John H. Schaffner.
- 101.1. **Potamogeton filiformis** Pers. Filiform Pondweed. Cleveland, Cuyahoga County. Edo Claassen.
- 139.1. **Cyperus ovularis** (Mx.) Torr. Globose Cyperus. In fields. Madisonville, Cincinnati, Hamilton County. E. Lucy Braun.
- 195. **Carex diandra** Schr. Lesser Panicked Sedge. Cranberry Island, Buckeye Lake, Licking County. Freda Detmers.
- 316. Change name from **Panicularia fluitans** (L.) Ktz. to **Panicularia septentrionalis**. (Hitch). Bickn.
- 321. **Panicularia pallida** (Torr.) Ktz. Pale Manna-grass. Phalanx, Trumbull County. Almon N. Rood.
- 416. **Phalaris canariensis** L. Canary-grass. In damp ground. East Cleveland, Cuyahoga County. Edo Claassen.
- 455.1. **Paspalum setaceum** Mx. Slender Paspalum. East Cleveland, Cuyahoga County. Edo Claassen.

- 532.1. **Commelina communis** L. Asiatic Day-flower. From Asia. Escaped from gardens in Cleveland and East Cleveland, Cuyahoga County. Edo Claassen.
578. **Blephariglottis leucophaea** (Nutt.) Farw. Prairie Fringed-orchis. Sandusky, Erie County. E. L. Fullmer and P. W. Fattig.
617. **Ranunculus fascicularis** Muhl. Tufted Buttercup. In open woods, Miamiville, Clermont County. E. Lucy Braun.
- 703.1. **Thlaspi perfoliatum** L. Perfoliate Penny-cress. Miami-ville, Clermont County. In gravel soil. E. Lucy Braun.
- 742.1. **Dentaria multifida** Muhl. Multifid Toothwort. Madisonville, Cincinnati, Hamilton County. In Beechwoods. E. Lucy Braun.
750. **Diplotaxis muralis** (L.) DC. Sand Rocket. Change name to *D. tenuifolia* (L.) DC.
755. **Cleome spinosa** L. Spider-flower. Steubenville, Jefferson County. Harriet Smurthwaite.
776. **Linum medium** (Planch.) Britt. Stiff Flax. In dry soil near California, Cincinnati, Hamilton County. E. Lucy Braun.
780. **Zanthoxylum americanum** Mill. Prickly-ash. Warrens-ville, and on road east of Cleveland, Cuyahoga County. Edo Claassen.
792. **Croton monanthogynus** Mx. Single-fruited Croton. In gravel soil on terraces. Broadwell, Hamilton County. E. Lucy Braun.
816. **Callitriche heterophylla** Pursh. Larger Water-starwort. Richmond Twp., Huron County. W. L. Shuman.
829. **Hibiscus moscheutos** L. Swamp Rose-mallow. In swamps near Glenwood, Warren County. E. Lucy Braun.
- 866.1. **Viola walteri** House. Walter's Violet. Near Hayden's Falls, south of Dublin, Franklin County. Emery C. Leonard.
880. **Viola triloba** Schw. Three-lobed Violet. Dry woods on steep hillsides. Anderson's Ferry, Cincinnati, Hamilton County. E. Lucy Braun.
- 885.1. **Passiflora incarnata** L. Passion-flower. Along river bank, Ironton, Lawrence County. Lillian E. Humphrey.
887. **Sagina procumbens** L. Procumbent Pearlwort. East Cleveland, Cuyahoga County. Edo Claassen.

912. **Silene latifolia** (Mill.) Britt and Rend. Bladder Campion. Railway freight yards, Chicago Junction, Huron County. John H. Schaffner.
923. **Vaccaria vaccaria** (L.) Britt. Cow-herb. Freight yards, Chicago Junction, Huron County. W. L. Shuman.
952. **Chenopodium leptophyllum** (Moq.) Nutt. Narrowleaf Goosefoot. Put-in-Bay, Ottawa County. E. L. Fullmer. Sandusky, Erie County. John H. Schaffner.
962. **Cycloloma atriplicifolium** (Spreng.) Coult. Tumbleweed. Freight yards, Chicago Junction, Huron County. W. L. Shuman.
- 965.1. **Corispermum hyssopifolium** L. Bugseed. Freight yards, Chicago Junction, Huron County. W. L. Shuman.
980. **Tracaulon arifolium** (L.) Raf. Halbert-leaf Tear-thum. In swamps, Madisonville, Cincinnati, Hamilton County. E. Lucy Braun.
1027. **Rubus strigosus** Mx. Wild Red Raspberry. Bog at Celeryville, Huron County. John H. Schaffner.
1098. **Chamaecrista nictitans** (L.) Moench. Omit Stark County from distribution.
- 1330.1. **Grossularia missouriensis** (Nutt.) Cov. and Britt. Missouri Gooseberry. On rocks, Newton, Hamilton County. E. Lucy Braun.
1344. **Raimannia laciniata** (Hill.) Rose. Cutleaf Evening-primrose. In gravel pits, near Camp Dennison, Hamilton County. E. Lucy Braun.
1345. **Kneiffia pratensis** Small. Meadow Sundrops. In wet meadows. Deer Park, Hamilton County. E. Lucy Braun. Specimens in the Herbarium also from Lorain, Cuyahoga, Summit, Richland and Clark Counties.
1347. **Kneiffia fruticosa** (L.) Raim. Common Sundrops. In upland meadows, College Hill, Cincinnati, Hamilton County. E. Lucy Braun.
1397. **Rhododendron maximum** L. Great Rhododendron. Iron-ton, Lawrence County. Lillian E. Humphrey.
1419. **Phlox glaberrima** L. Smooth Phlox. In open woods, north of Oxford, Butler County. E. Lucy Braun.
1473. **Bartonia virginica** (L.) B. S. P. Yellow Bartonia. Richmond Township, Huron County. W. L. Shuman.
1474. **Menyanthes trifoliata** L. Buckbean. Richmond Township, Huron County. W. L. Shuman.

1546. **Veronica hederaefolia** L. Ivyleaf Speedwell. Anderson's Ferry, Cincinnati, Hamilton County. E. Lucy Braun.
1567. **Linaria canadensis** (L.) Dum. Blue Toadflax. Richmond Township, Huron County. W. L. Shuman.
1613. **Verbena canadensis** (L.) Britt. Large-flowered Verbena. Cincinnati, Hamilton County. E. Lucy Braun.
1634. **Hedeoma hispida** Pursh. Rough Pennyroyal. Castalia prairie, near Castalia, Erie County. E. L. Fullmer.
1681. **Monarda punctata** L. Horsemint. Near Madisonville, Cincinnati, Hamilton County. E. Lucy Braun.
- 1722.1. **Thaspium pinnatifidum** (Buckl.) Gr. Cutleaf Meadow-parsnip. In open woods, College Hill, Cincinnati, Hamilton County. E. Lucy Braun.
1727. **Foeniculum foeniculum** (L.) Karst. Fennel. In waste places. Sandusky, Erie County. John H. Schaffner.
1756. **Houstonia angustifolia** Mx. Narrow-leaf Houstonia. Rattlesnake Island, Ottawa County. John H. Schaffner.
1759. **Spermocoe glabra** Mx. Smooth Buttonwood. Rocky shores, Ohio River bank, at Seven Mile, Hamilton County. E. Lucy Braun.
1760. **Diodia teres** Walt. Rough Buttonweed. East Cleveland, Cuyahoga County. Edo Claassen. Freight yards, Chicago Junction, Huron County. W. L. Shuman. Near Mt. Washington, Hamilton County. E. Lucy Braun.
- 1760.1. **Galium verum** L. Yellow Bedstraw. Near Old Man's Cave, South Bloomingville, Hocking County. From Europe. Emery C. Leonard.
- 1781.1. **Viburnum rufidulum** Raf. Southern Black Haw. College Hill, Cincinnati, Hamilton County. In woods. E. Lucy Braun.
- 1786.1. **Triosteum aurentiacum** Bickn. Scarlet-fruited Horse-gentian. Woods on steep hillsides. Riverside, Cincinnati, Hamilton County. E. Lucy Braun.
1825. **Xanthium spinosum** L. Spiny Cocklebur. Freight yards, Chicago Junction, Huron County. W. L. Shuman.
1827. **Ambrosia psilostachya** DC. Western Ragweed. Railway freight yards, Chicago Junction, Huron County. John H. Schaffner.

1856. **Helianthus petiolaris** Nutt. Prairie Sunflower. Railway freight yards, Chicago Junction, Huron County. John H. Schaffner.
1863. **Coreopsis tinctoria** Nutt. Golden Tickseed. Railway freight yards, Chicago Junction, Huron County. John H. Schaffner.
1882. **Silphium terebinthinaceum** Jacq. Prairie Dock. Clay bluffs, Miami ville, Clermont County. E. Lucy Braun.
- 1883.1. **Parthenium integrifolium** L. American Parthenium. Euclid Heights, Cleveland, Cuyahoga County. Edo Claassen.
1886. **Helenium nudiflorum** Nutt. Purple-headed Sneezeweed. Hyde Park, Cincinnati, Hamilton County. E. Lucy Braun.
1901. **Grindelia squarrosa** (Pursh) Dun. Broad-leaf Gumplant. Railway freight yards, Chicago Junction, Huron County. John H. Schaffner.
1942. **Aster phlogifolius** Muhl. Thin-leaf Aster. On shaded clay bluffs. Miami ville, Clermont County. E. Lucy Braun.
1988. **Elephantopus carolinianus** Willd. Carolina Elephant's-foot. In open woods. Hamilton County. E. Lucy Braun.
- 2028.1. **Centaurea maculosa** Lam. Spotted Star-thistle. Roadsides near Elizabethtown, Hamilton County. E. Lucy Braun.
- 2030.1. **Centaurea solstitialis** L. Barnaby's Star-thistle. Roadsides, West Fork Creek, Hamilton County. E. Lucy Braun.
2035. **Hypochaeris radicata** L. Long-rooted Cat's-ear. Cedar Point, Erie County. E. L. Fullmer.